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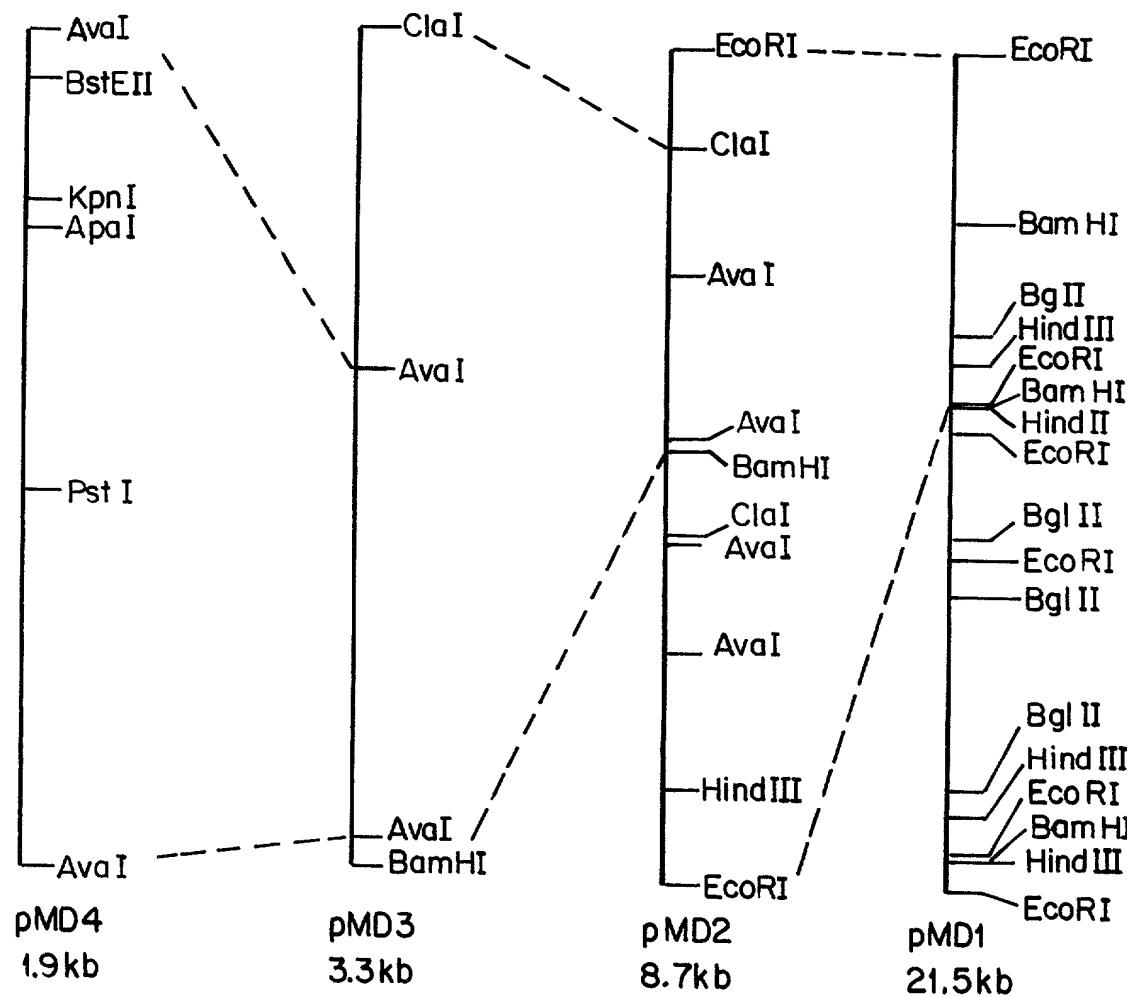


Fig. 1

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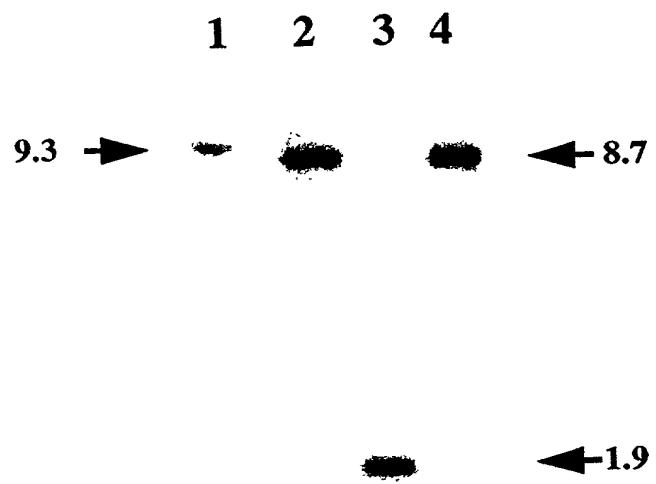


Fig. 2

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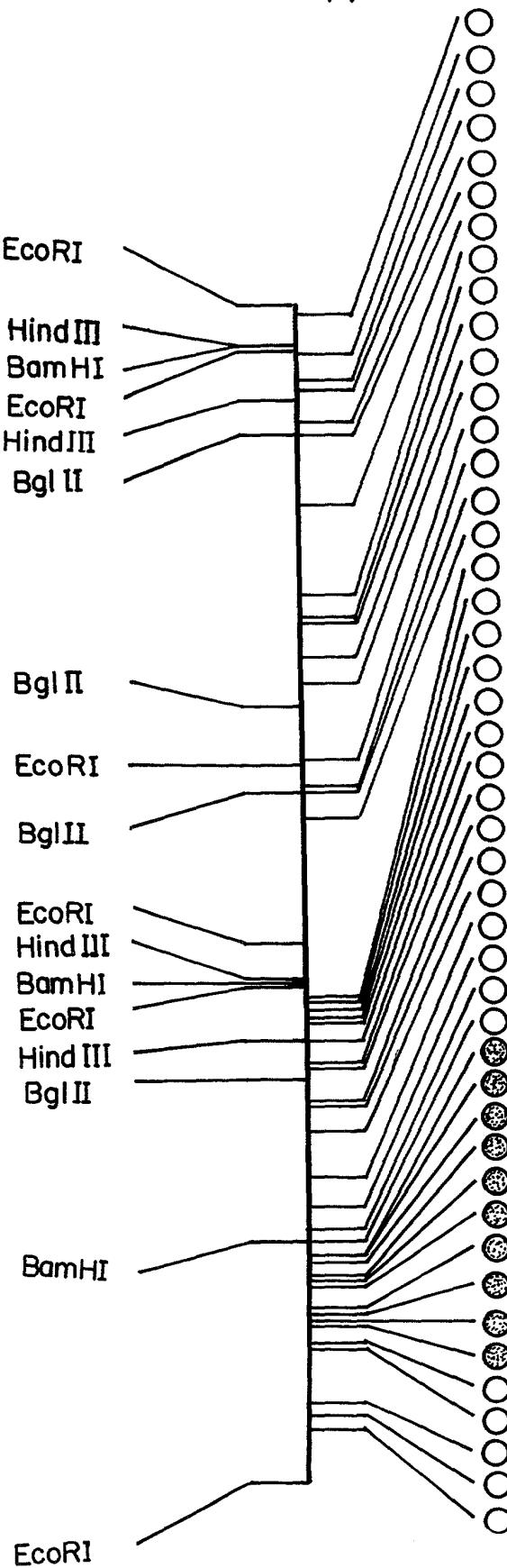


Fig. 3

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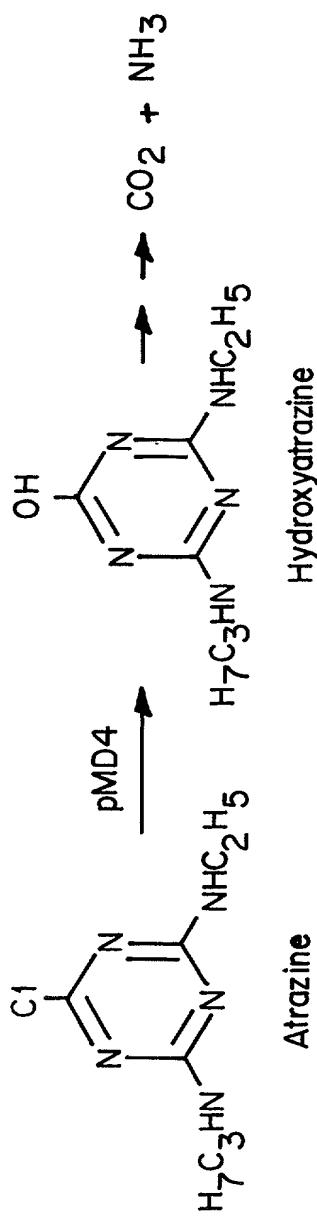


Fig. 4

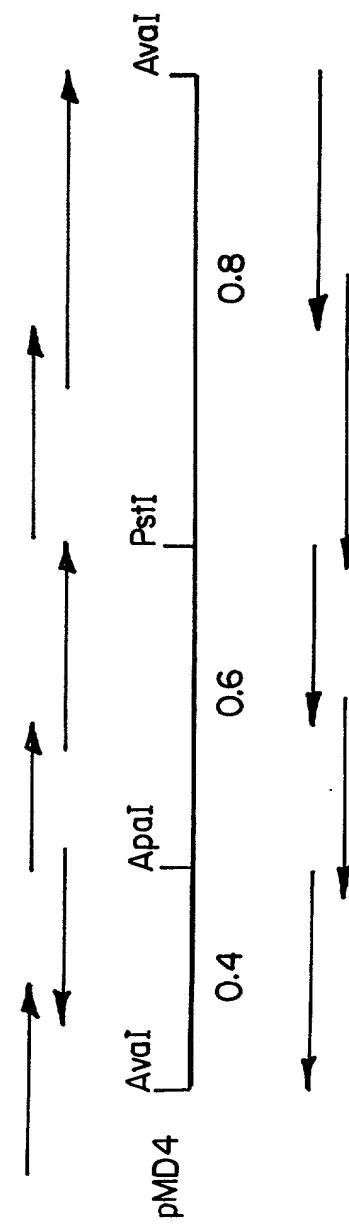


Fig. 5

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Fig. 6

1 CTCGGGTAAC TTCTTGAGCG CGGCCACAGC AGCCTTGATC ATGAAGGCGA
51 GCATGGTGAC CTTGACGCCG CTCTTTCGT TCTCTTGTT GAACTGCACG
101 CGAAAGGCTT CCAGGTCGGT GATGTCCGCG TCGTCGTGGT TGGTGACGTG
151 CGGGATGACC ACCCAGTTGC GGTGCAGGTT TTTCGATGGC ATAATATCTG

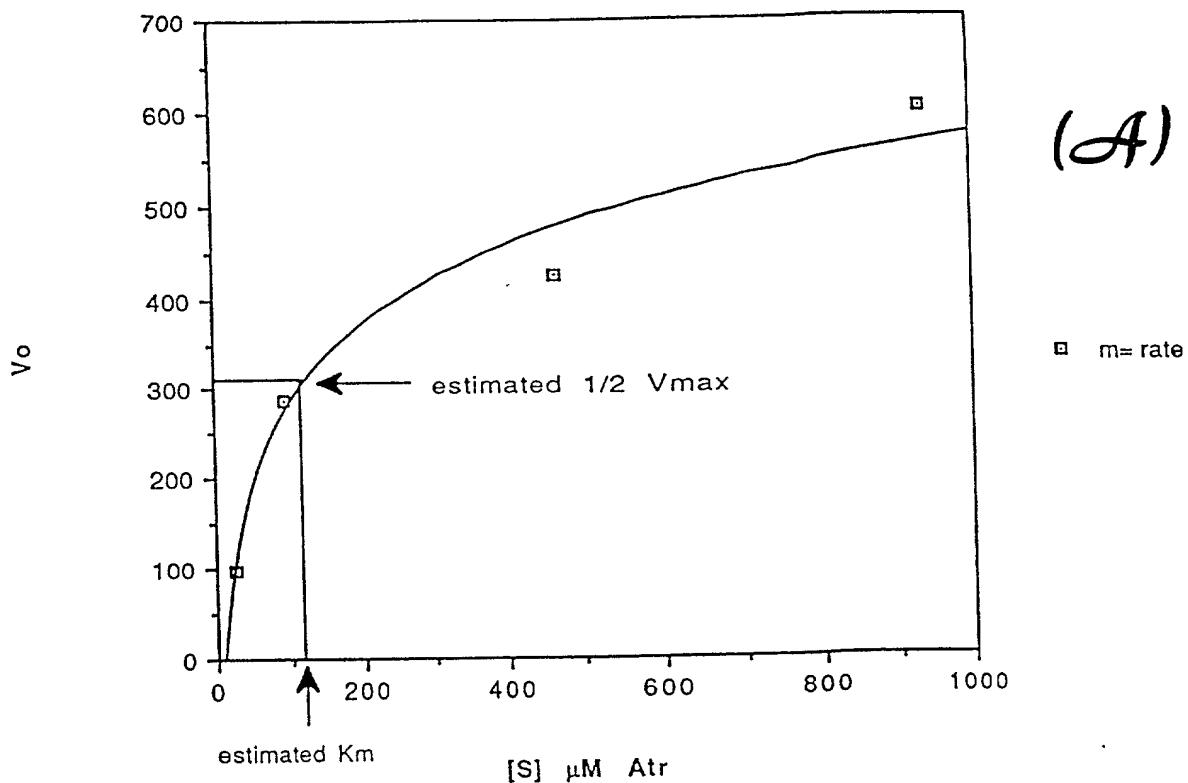
atza →
201 CGTTGCGACG TGTAACACAC TATTGGAGAC ATATCATGCA AACGCTCAGC
251 ATCCAGCACG GTACCCTCGT CACGATGGAT CAGTACCGA GAGTCCTTGG
301 GGATAGCTGG GTTCACGTGC AGGATGGACG GATCGTCGCG CTCGGAGTGC
351 ACGCCGAGTC GGTGCCTCCG CCAGCGGATC GGGTGATCGA TGCACGCGGC
401 AAGGTCGTGT TACCCGGTTT CATCAATGCC CACACCCATG TGAACCAGAT
451 CCTCCTGCGC GGAGGGCCCT CGCACGGACG TCAATTCTAT GACTGGCTGT
501 TCAACGTTGT GTATCCGGGA CAAAAGGCGA TGAGACCGGA GGACGTAGCG
551 GTGGCGGTGA GGTTGTATTG TGCGGAAGCT GTGCGCAGCG GGATTACGAC
601 GATCAACGAA AACGCCGATT CGGCCATCTA CCCAGGCAAC ATCGAGGCCG
651 CGATGGCGGT CTATGGTGAG GTGGGTGTGA GGGTCGTCTA CGCCCGCATG
701 TTCTTTGATC GGATGGACGG GCGCATTCAA GGGTATGTGG ACCCCTTGAA
751 GGCTCGCTCT CCCCAAGTCG AACTGTGCTC GATCATGGAG GAAACGGCTG
801 TGGCCAAAGA TCGGATCACA GCCCTGTCAG ATCAGTATCA TGGCACGGCA
851 GGAGGTCGTA TATCAGTTG GCCCGCTCCT GCCACTACCA CGGCGGTGAC
901 AGTTGAAGGA ATGCGATGGG CACAAGCCTT CGCCCGTGAT CGGGCGGTAA
951 TGTGGACGCT TCACATGGCG GAGAGCGATC ATGATGAGCG GATTCATGGG
1001 ATGAGTCCCG CCGAGTACAT GGAGTGTAC GGACTCTTGG ATGAGCGTCT
1051 GCAGGTCGCG CATTGCGTGT ACTTTGACCG GAAGGATGTT CGGCTGCTGC
1101 ACCGCCACAA TGTGAAGGTC GCGTCGCAGG TTGTGAGCAA TGCTTACCTC
1151 GGCTCAGGGG TGGCCCCGT GCCAGAGATG GTGGAGCGCG GCATGGCCGT
1201 GGGCATTGGA ACAGATAACG GGAATAGTAA TGACTCCGCA AACATGATCG
1251 GAGACATGAA GTTTATGGCC CATATTCAAC GCGCGGTGCA TCGGGATGCG
1301 GACGTGCTGA CCCCAGAGAA GATTCTTGAA ATGGCGACGA TCGATGGGGC
1351 GCGTTCGTTG GGAATGGACC ACGAGATTGG TTCCATCGAA ACCGGCAAGC
1401 GCGCGGACCT TATCCTGCTT GACCTGCGTC ACCTCAGACG ACTCTCACAT
1451 CATTGGCGG CCACGATCGT GTTTCAGGCT TACGGCAATG AGGTGGACAC
1501 TGTCTGATT GACGGAAACG TTGTGATGGA GAACCGCCGC TTGAGCTTTC
1551 TTCCCCCTGA ACGTGAGTTG GCGTTCTTG AGGAAGCGCA GAGCCGCGCC
1601 ACAGCTATTT TGCAGCGGGC GAACATGGTG GCTAACCCAG CTTGGCGCAG
1651 CCTCTAGGAA ATGACGCCGT TGCTGCATCC GCCGCCCCCTT GAGGAAATCG
1701 CTGCCATCTT GGCACGGCTC GGATTGGGG GCGGACATGA CCTTGATGGA
1751 TACAGAAATTG CCATGAATGC GGCACCTCCG TCCTTCGCTC GTGTGGAATC
1801 GTTGGTAGGT GAGGGTCGAC TGCAGGGCGCC AGCTTCCCGA AGAGGTGAAA
1851 GGCCCGAG

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Fig. 7

1 MQTLSIQHGT LVTMDQYRRV LGDSWVHVQD GRIVALGVHA ESVPPPADRV
51 IDARGKVVL P GFINAHTHVN QILLRGGP SH GRQFYDWLFN VVYPGQKAMR
101 PEDVAVAVRL YCAEAVRSGI TTINENADSA IYPGNIEAM AVYGEVGVRV
151 VYARMFFDRM DGRIQGYVDA LKARSPQVEL CSIMEETAVA KDRITALSDQ
201 YHGTAGGRIS VWPAPATT A VTVEGMRWAQ AFARDRAVMW TLHMAESDHD
251 ERIHGMSPAE YMECTYGLLDE RLQVAHCVYF DRKDVRLLHR HNVKVASQVV
301 SNAYLGSGVA PVPEMVERGM AVGIGTDNGN SNDSANMIGD MKFMAHIHRA
351 VHRDADVLTP EKILEMATID GARSLGMDHE IGSIETGKRA DLILLLRHL
401 RRLSHHLAAT IVFQAYGNEV DTVLIDGNVV MENRRRLSFLP PERELAFLEE
451 AQSRTAILQ RANMVANPAW RSL

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Rates for AtzA w/ atrazine



Lineweaver Burke plot
 K_m estimated to be $125 \mu\text{M}$

